

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

In re Application of Anantanu Sarkar et al.  
For: METHODS AND APPARATUS FOR DISCRIMINATING POLYMORPHIC THACYARRHYTHMIAS

FROM MONOMORPHIC TACHYARRHYTHMIAS FACILITATING DETECTION OF FIBRILLATION

Serial No.: 10/652,757

Filed: August 29, 2003

**CERTIFICATE OF MAILING UNDER 37 CFR 1.8:** I hereby certify that this **INFORMATION DISCLOSURE STATEMENT** and the paper(s), as described herein, are being deposited in the U.S. Postal Service, as first class mail, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 3rd day of July, 2004.

*Sue McCoy*  
\_\_\_\_\_  
Signature  
Sue McCoy  
Printed Name

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

- ☒ Information Disclosure Statement
- ☒ PTO FORM 1449
- ☒ Copies of the Cited Foreign Patents
- ☒ Return Postcard

## FEE CALCULATION

- ☒ \$ 00.00 Pursuant to 37 CFR §1.97(b) (before mailing of first Office Action)
- ☐ \$ 00.00 Pursuant to 37 CFR §1.97(c) with Certification (cited in foreign application not more than 3 months earlier)
- ☐ \$ 00.00 Pursuant to 37 CFR §1.97(e) with Certification
- ☐ \$180.00 Pursuant to 37 CFR §1.97(c) without Certification
- ☐ \$180.00 Pursuant to 37 CFR §1.97(d) with Certification

- ☐ Applicant hereby petitions for a \_\_\_\_\_ months' extension of time. If an additional extension of time is required, please consider this petition therefor.
- ☒ Applicant believes that no extension of time is required. However, if an extension of time is required, please consider this a petition therefor to provide for the possibility that applicant has inadvertently overlooked the need for an extension of time.
- ☒ Please charge any additional fees or credits to Deposit Account No. 13-2546 which may have been overlooked with regard to this filing. A duplicate of this transmittal is enclosed.

August 2, 2004  
Date

*Michael C. Soldner*  
\_\_\_\_\_  
Michael C. Soldner  
Reg. No. 41,455  
Telephone: (763) 514-4842  
Customer No. 27581



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Applicant(s): Shantanu Sarkar et al.	)	Art Unit: 3762
	)	
Serial No.: 10/652,757	)	Examiner:
	)	
Filed: August 29, 2003	)	Docket: P-10794.01

Conf No:

For: METHODS AND APPARATUS FOR DISCRIMINATING POLYMORPHIC  
THACYARRHYTHMIAS FROM MONOMORPHIC TACHYARRHYTHMIAS  
FACILITATING DETECTION OF FIBRILLATION

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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application.

Consideration of each of the documents listed on the attached Form 1449 is respectfully requested. Pursuant to the provisions of M.P.E.P. §609, Applicant further requests that a copy of the Form 1449, marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Respectfully submitted,

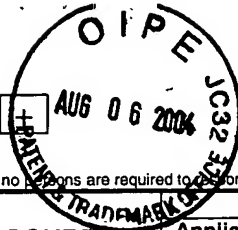
Date:

August 2, 2004

By:

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Customer No. 27581

Please type a plus sign (+) inside this box —



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

### Complete if Known

Application Number	10/652,757
Filing Date	August 29, 2003
First Named Inventor	Shantanu Sarkar
Group Art Unit	3762
Examiner Name	
Attorney Docket Number	P10794.01

Sheet 1 of 1

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite <sup>1</sup> No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	AA	6,745,068	B2	Koyrakh et al.	06/01/2004	
	AB	2004/0088013	A1	Stadler et al.	05/06/2004	
	AC	2002/0193695	A1	Koyrakh et al.	12/19/2002	
	AD	6,393,316	B1	Gillberg et al.	05/21/2002	
	AE	2002/0032469	A1	Marcovecchio	03/14/2002	
	AF	2002/0019593	A1	Hsu et al.	02/14/2002	
	AG	6,275,732	B1	Hsu et al.	08/14/2001	
	AH	6,266,554	B1	Hsu et al.	07/24/2001	
	AI	6,212,428	B1	Hsu et al.	04/03/2001	
	AJ	5,814,079		Kieval	09/29/1998	
	AK	5,810,739		Bornzin et al.	09/22/1998	
	AL	5,797,399		Morris et al.	08/25/1998	
	AM	5,782,876		Flammang	07/21/1998	
	AN	5,645,070		Turcott	07/08/1997	
	AO	5,545,186		Olson et al.	08/13/1996	
	AP	5,447,519		Peterson	09/05/1995	
	AQ	5,439,483		Duong-Van	08/08/1995	
	AR	5,400,795		Murphey et al.	03/28/1995	
	AS	5,379,776		Murphey et al.	01/10/1995	
	AT	5,342,402		Olson et al.	08/30/1994	
	AU	5,331,966		Bennett et al.	07/26/1994	
	AV	5,312,441		Mader et al.	05/17/1994	
	AW	5,240,009		Williams	08/31/1993	
	AX	5,086,772		Larnard et al.	02/11/1992	
	AY	5,000,189		Throne et al.	03/19/1991	
	AZ	4,552,154		Hartlaub	11/12/1985	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite <sup>1</sup> No.	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	BA		WO 01/80042	A1	Antoniadis et al.	10/25/2001		
	BB		WO 02/02007	A1	Zhang et al.	01/10/2002		
	BC		WO 02/24276	A1	Zhang et al.	03/28/2002		

## OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite <sup>1</sup> No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	BD	Wilkoff et al. "Critical Analysis of Dual-Chamber Implantable Cardioverter-Defibrillator Arrhythmia Detection: Results and Technical Considerations" <i>Circulation</i> , 2001;103:381-6.	

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>1</sup> Unique citation designation number.

<sup>2</sup> See attached Kinds of U.S. Patent Documents.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbol as indicated on the document under WIPO Standard ST. 16 if possible.

<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>7</sup> Unique citation designation number.

<sup>8</sup> Applicant is to place a check mark here if English language translation is attached.